I: Fitzgerald H-5 (1937-1938) AE3 Sino-Tibetan
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231 The quality of the wool produced by the Ta Li sheep is
236 hairy and poor, and the few hundreds of sheep in their flocks do not give any appreciable amount. The demand for mutton, especially since the Moslem population has declined, is small. Though these points are always put forward as an explanation of why there are so few sheep and so much wasted pasture, the manner in which the Min Chia answer these questions shows that they have never really thought about them before. "There are no more sheep" ; this expresses their attitude, and the reasons why there are no more only occur to them as afterthoughts, when some stranger takes it into his head to dispute or argue about a fact which to them is as satisfying as it is obvious.

314 Stock raising in fact is only a minor side line of the villages lying at the base of the mountain. Those families who have not enough rice land to live on engage in a little stock raising, or woodcutting, or cutting the mountain grass for fodder. But these activities are rather despised. Only the very poor, one was constantly told, would try to earn a living on the mountain, and the implication that this sort of livelihood was in some way rather barbarous was clearly present. That the returns are poor is certainly true. A woman or girl—such work is usually left to them—who goes up the mountain at dawn, perhaps to 10,000 or 11,000 ft., a three hour climb, and cuts a load of hay, only gets two nickel, or a halfpenny, for her fodder when she gets down to the city by four o'clock in the afternoon to sell it to the muleteers at the caravan inns. So much work for so poor a reward would obviously only be undertaken by those reduced to great poverty.

313 Bamboo cutting, which involves going still higher, to the bamboo forest at 12,000 ft., under snow and inaccessible in winter, is a little more paying. Bamboos are made into brooms, or cut for sticks, and these can be sold at the fort-

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313 nightly markets in Ta Li. The cedars in the rain forest which begins near 13,000 ft. and continues to the crest are cut for building timber to some extent. As they grow on steep and often almost sheer slopes and precipices, much of the timber cannot be cut, or if cut cannot be fetched down. This industry is therefore very limited, and the lengths obtainable small. Large beams for house building and boat building are more easily obtained from the forests on Chi Tsu Shan, the mountain behind the eastern shore of the lake.

824 261 The Min Chia see no value in the many wild fruits which grow on Ts'ang Shan and no attempt to cultivate them or even to gather the wild fruit for sale, is made. Soft fruit such as raspberries, of which there are two excellent wild varieties, could not be transported to a distant market, and as the people of Ta Li and the villagers themselves have never considered them edible, there is no local market.

313 In recent years the *hsien* government, which acts as trustee for such public land as the mountain, has done something towards reafforesting the lower slopes with pines. Much of the ancient pine forest has been cleared by woodcutters, but re-planting undertaken within the last twenty years has restored the lower slopes to forest, and strict licensing of wood cutting is now enforced. On the other hand no attempt has been made to exterminate or even reduce the wolves which infest Ts'ang Shan and not only prey upon the small flocks of sheep, but also raid the villages of the plain for pigs and chickens. The main value of Ts'ang Shan, in Min Chia eyes, is as a source of perennial streams for irrigating the rice land, its secondary value as the source of the famous Ta Li marble for which the city is known all over China.

312 316

226 If the mountain is neglected, the possibilities of the lake both for fishing and transport are fully realised. The Erh Hai produces many kinds of fish, for which there is a ready sale in the city and villages. Every lake-side village is a fishing

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duce, but the products of cottage industry, embroidery, needlework, carved furniture, coffin wood, building stone, leather work and wood work. As more than half the customers are women and girls, the goods offered for sale are largely such things as appeal to feminine needs and vanities. A whole street of booths houses the silversmiths of Ta Li, Hsia Kuan and other small cities, and throughout the days of the fair this street is crowded with Min Chia girls in their embroidered best clothes, and picturesque silver studded headdresses. Here they can buy the silver ornaments which are sewn on to these caps—symbols of good luck and silver studs—and also bangles, apron holders and the silver chains complete with ear pick and needle case which Min Chia girls wear across the left shoulder.

Other streets of booths are devoted to hats—some Min Chia girls from the Erh Yuan district wear men's round skull caps decorated with coloured buttons—silk shops, and those selling knitted woollen children's clothes, a very popular attraction. But almost every shop has something intended for women or children, babies' toys, or the gay caps in the shape of tigers' heads which are favoured for baby boys. The carved hard wood furniture made near Teng Ch'uan[1] is here sold in large quantities. It is well made and substantial: the table tops cut from a single piece of wood may measure 3 ft. by 2 ft. 6 in. This furniture is perhaps the finest workmanship produced in the Min Chia area, though owing to the weight of the pieces and the difficulty of transport, it is only in the last few years that any of it has been taken even as far as K'un Ming.

[1] The wood used, which comes from further north, is called Hung Ch'un Mu, Red Ch'un wood. There are many kinds of Ch'un tree in Yunnan, but the red Ch'un is the largest and grows only at a great altitude, over 10,000 ft., as is commonly the case with all the large timber trees in Yunnan.

Mewu

243 fields belong to the tribal head (t'ou-mu) and are distributed by him. Each family must pay rent to the t'ou-mu for the oat fields they cultivate, and this is usually paid off in the form of butter. The oat fields are ploughed by oxen only shortly before sowing time. The amount of oats planted is measured according to 1 to 4 days' work (tien), depending on the size of the family and their wealth in livestock. A day's work is usually 15 mou (about 1 hectare). The
222 tent nomads use very few wild plants. From the fifth to the eighth month they find many field mushrooms on the alpine meadows. They also gather chüo-ma, the edible tubers of potentilla anserina, which are cooked like vegetables, and the roots of which are used to
313 make incense sticks. Wood is needed only for tent stakes, poles for prayer flags and sheep pens. Pine is generally used, which is bought from the sedentary Fantzu.

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224 Hunting is not an important occupation because the Mewu-Fantzu are relatively strict Buddhists. They have no hunting dogs. Usually it is only by chance that an animal which may be valuable in one way or another is killed. Now and then a gazelle hunt is arranged. Trapping is not carried on. The game hunted includes groundhogs, hares, gazelles (Gazella gutturosa Pall.), blue sheep (Pseudois najaur Hdgs.), musk deer, foxes, wildcats, lynxes and wolves. The latter especially are feared because they prey on the animals; human beings are scarcely ever attacked by wolves. Birds
[534] are not eaten and therefore not hunted. As an exception, a vulture is sometimes shot and the bones of its wings are used to make flutes. /31/

262 Since the tent nomads are exclusively cattle-raisers, they are restricted primarily to an animal diet. Their most important food is butter. As we have said, they keep it for a long time, although most of the people prefer fresh butter. They also eat dried casein in the form of a coarsely ground powder (Tibetan: chü-ra), sour milk and fresh, boiled milk. Whey is drunk only by poor people, usually it is fed to the dogs. All vegetable food and condiments, with the exception of mushrooms and chüo-ma, must be bought. The only important vegetable food is "tsamba" (parched barley flour), with which the nomads are always adequately supplied by neighboring sedentary Fantzu or by Chinese, who sell it to them
[415] according to weight. It is stored in bags of coarse woolen material. Wealthy people at times deposit a large supply of tsamba, enough for two or three years, in a temple.

5:Graham E-5 (1933, 1941)1942 AE3 Sino-Tibetan
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Ch'iang

4. Occupations.

463 [423] [462] All Ch'iang are farmers. Even the priests and local rulers have fields which they farm or rent to others. The land, houses, and tools are owned not by individuals, but by families, and all the members of the family cooperate in the work. Men do the plowing, for there is a taboo against women doing so. Men and women cooperate in hoeing, planting, weeding, fertilizing, reaping, flailing, winnowing, husking, wood gathering, etc. Women and girls generally do the cooking, sewing and spinning, and only women weave. There are some blacksmiths, carpenters, masons, and painters, but these are farmers who work also at these trades when there is a demand for their labor. There are no silversmiths or goldsmiths, for silver and gold ornaments are bought ready-made or made to order in a Chinese city. Few if any of the Ch'iang are merchants, although there are Ch'iang homes where matches, vegetable oil, wine, and a few other commodities are sold. Even the priests are farmers who have learned to perform the sacred ceremonies when required.

313 Wood is gathered in the forests on the mountainsides. Groups of men and women and boys and girls often go out and return together, singing as they work. Much of the winter supply is gathered in the fall after the crops have been harvested.

482 All loads, even of water or of wood, are carried on their backs. Families that are poor sometimes supplement their incomes by carrying loads on their backs to Kuanshien and to other distant places.

226 There is little fishing, probably because there are not many fish in the mountain streams. Fishing is sometimes done with a baited hook and line, or by a basket-like trap into which the fish enter and are unable to escape.

224 Nearly all the men enjoy hunting, and some who are expert hunt a great deal. Most of the hunting is done in the late fall and winter after the crops have been harvested. Generally a few men with several dogs cooperate and share the spoils. Leopards, wild boar, deer, mountain goats, musk deer, foxes, pheasants and other game are found. Even monkeys are killed and eaten.

241 When fresh land is desired for cultivation, the trees, brush, and grass in a section of the forest are cut down and burnt. This gives a rich soil for a few years, after which the land may be deserted